

Aarav Sharma

Cloud & DevOps Engineer

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Summary

A certified AWS Solutions Architect and DevOps Engineer with over 6 years of experience in designing, automating, and scaling cloud infrastructure. Proven expertise in CI/CD, containerization with Docker and Kubernetes, and infrastructure as code using Terraform. Passionate about building resilient, secure, and cost-efficient systems.

Technical Skills

- **Cloud Platforms:** AWS (EC2, S3, RDS, VPC, IAM, EKS, Lambda), Google Cloud Platform
- **Infrastructure as Code:** Terraform, AWS CloudFormation
- **Containerization:** Docker, Kubernetes, Helm
- **CI/CD:** Jenkins, GitLab CI, GitHub Actions
- **Monitoring & Logging:** Prometheus, Grafana, ELK Stack (Elasticsearch, Logstash, Kibana)
- **Scripting:** Bash, Python
- **Operating Systems:** Linux (Ubuntu, CentOS)

Professional Experience

Senior DevOps Engineer | Tech Solutions Inc. | Pune, India (Mar 2022 - Present)

- Led the migration of a monolithic application to a microservices architecture on AWS EKS, reducing deployment time by 80% and improving scalability.
- Designed and implemented a fully automated CI/CD pipeline using Jenkins and Terraform, enabling developers to deploy code multiple times a day.
- Managed a fleet of over 500 EC2 instances, achieving 99.99% uptime through robust monitoring and automated recovery scripts.
- Implemented cost-optimization strategies that reduced monthly AWS bills by 25% through instance rightsizing and Spot Instance utilization.

Cloud Engineer | Digital Innovators | Mumbai, India (Jun 2019 - Feb 2022)

- Automated infrastructure provisioning using Terraform, reducing the time to set up new environments from days to minutes.
- Managed Docker container orchestration on an ECS cluster for various applications.

- Developed and maintained Python scripts to automate routine system administration tasks.

Projects

Kubernetes Cluster Automation

- Developed a set of Terraform modules to deploy a production-ready EKS cluster with pre-configured monitoring and logging stacks.

Education

Bachelor of Engineering in Computer Science *Pune Institute of Computer Technology | Pune, India (2015 - 2019)*